AMENDMENTS TO THE CLAIMS:

This listing of claims replaces all prior versions of claims in the application.

1. (Currently amended) A method ~~for arranging handover in a wireless telecommunications system, the method~~ comprising:

storing in a terminal connection settings and network identifiers, wherein [[a]]at least one network identifier of the stored network identifiers is associated with at least some ~~of the~~ alternative connection settings, the network identifier identifying a target network reachable by a connection from the terminal,

comparing, in the terminal, [[the]]a current network identifier identifying a target network of a current connection of the terminal and associated with the currently applied at least one connection setting to the stored network ~~identifier~~identifiers associated with ~~at least one~~ other available connection ~~setting~~settings,

selecting at least one connection setting associated with the same network identifier as the network identifier associated with the currently applied at least one connection setting, and

carrying out a handover related function to continue providing access to the target network via a new access point by using the selected at least one connection setting.

2. (Currently amended) The method according to claim 1, wherein the network ~~identifier~~identifiers of the ~~at least one~~ other available connection ~~setting is~~settings are checked in response to a need to arrange handover for the original connection based on the currently applied at least one connection setting.

3. (Currently amended) The method according to claim 2, wherein at least one ~~other~~ available connection setting associated with a different network identifier than the one associated with the at least one currently applied connection setting is dropped, and

a handover algorithm is executed for the remaining connection settings.

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4. (Currently amended) The method according to claim 1, wherein at least one ~~other~~ available connection setting associated with a different network identifier than the one associated with the at least one currently applied connection setting is dropped, and

a handover algorithm is executed for the remaining connection settings.

5. (Currently amended) The method according to claim 1, wherein the network identifier associated with at least one connection setting is selected by a handover algorithm and is checked, and

handover is carried out using the selected at least one connection setting if the network identifier is the same as the network identifier associated with the currently applied at least one connection setting, or

at least one new connection setting is selected.

6. (Original) The method according to claim 1, wherein at least one network identifier is defined internally in the terminal and associated with at least one connection setting.

7. (Currently amended) The method according to claim 1, wherein the connection settings are grouped as alternative groups of connection settings such that at least one network identifier is associated with each group, the network identifiers of different groups are compared with the network identifier associated with the ~~network identifier as associated with the~~ currently applied at least one connection setting and the group of connection settings associated with a network identifier that is the same as the network identifier associated with the currently applied at least one connection setting is selected for the new connection.

8. (Original) The method according to claim 1, wherein the at least one available connection setting is determined based on information received from the network.

9. (Currently amended) A wireless terminal ~~for establishing access with a wireless network, wherein~~comprising:

~~the terminal is configured to store~~a memory for storing connection settings and network identifiers, wherein [[a]]at least one network identifier of the stored network identifiers is associated with at least some ~~of the~~alternative connection settings, the network identifier identifying a target network reachable by a connection from the terminal, and

~~the terminal is configured to compare the~~a processor for comparing a current network identifier identifying a target network of a current connection of the terminal and associated with the currently applied at least one connection setting to the stored network ~~identifier~~identifiers associated with ~~at least one~~ other available connection ~~setting~~settings to select at least one connection setting associated with the same network identifier as the network identifier associated with the currently applied at least one connection setting, and

——— ~~the terminal is configured to carry~~for carrying out a handover related function to continue providing access to the target network via a new access point by using the selected at least one connection setting.

10. (Currently amended) The terminal according to claim 9, wherein the ~~terminal is configured to check~~processor checks the network ~~identifier~~identifiers of the ~~at least one~~ other available connection ~~setting~~settings in response to a need to arrange handover for the original connection based on the currently applied at least one connection setting.

11. (Currently amended) The terminal according to claim 10, wherein the ~~terminal is configured to drop~~processor drops at least one ~~other~~available connection setting associated with a different network identifier than the one associated with the at least one currently applied connection setting, and

~~the terminal is configured to execute~~executes a handover algorithm for the remaining connection settings.

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12. (Currently amended) The terminal according to claim 9, wherein the ~~terminal is configured to drop~~processor drops at least one ~~other~~ available connection setting associated with a different network identifier than the one associated with the at least one currently applied connection setting, and

      ~~the terminal is configured to execute~~executes a handover algorithm for the remaining connection settings.

13. (Currently amended) The terminal according to claim 9, wherein the terminal is configured to check the network identifier associated with at least one connection setting selected by a handover algorithm, and

      the terminal is configured to carry out the handover using the selected at least [[on]]one connection setting if the network identifier is the same as the network identifier associated with the currently applied at least one connection setting, or

      the terminal is configured to select at least one new connection setting.

14. (Original) The terminal according to claim 9, wherein the terminal is configured to define at least one network identifier internally and the terminal is configured to associate the network identifier with at least one connection setting.

15. (Original) The terminal according to claim 9, wherein the connection settings are grouped as alternative groups of connection settings, and at least one network identifier is associated with each group, whereby the terminal is configured to compare the network identifiers of different groups with the network identifier associated with the currently applied at least one connection setting, and

      the terminal is configured to select for the new connection one of the groups having the same network identifier as associated with the currently applied at least one connection setting.

16. (Original) The terminal according to claim 9, wherein the terminal is configured to determine the available at least one connection setting based on information received from the network.

17. (Currently amended) A computer-readable medium, wherein said computer-readable medium comprises computer-executable instructions stored thereon for controlling a wireless terminal to:

    store connection settings and network identifiers, wherein [[a]]at least one network identifier of the stored network identifiers is associated with at least some of the alternative connection settings, the network identifier identifying a target network reachable by a connection from the terminal,

    compare [[the]]a current network identifier identifying a target network of a current connection of the terminal and associated with the currently applied at least one connection setting to the stored network identifieridentifiers associated with at least one available other connection settingsettings,

    select at least one connection setting associated with the same network identifier as the network identifier associated with the currently applied at least one connection setting, and

    carry out a handover related function to continue providing access to the target network via a new access point by using the selected at least one connection setting.

18. (Currently amended) The computer-readable medium according to claim 17, said computer-readable medium comprisesfurther comprising computer-executable instructions for checking the network identifieridentifiers of the at least one other available connection settingsettings in response to a need to arrange handover for the original connection based on the currently applied at least one connection setting.

19. (Currently amended) An apparatus comprising:

    means for establishing access with a wireless network,

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means for storing connection settings and network identifiers, wherein [[a]]at least one network identifier of the stored network identifiers is associated with at least some of the alternative connection settings, the network identifier identifying a target network reachable by a connection from the terminal,

means for comparing [[the]]a current network identifier identifying a target network of a current connection of the terminal and associated with the currently applied at least one connection setting to the stored network identifieridentifiers associated with at least one other available connection settingsettings to select at least one connection setting associated with the same network identifier as the network identifier associated with the currently applied at least one connection setting, and

means for carrying out a handover related function to continue providing access to the target network via a new access point by using the selected at least one connection setting.

20. (Currently amended) The apparatus according to claim 19, comprising means for checking the network identifieridentifiers of the at least one other available connection settingsettings in response to a need to arrange handover for the original connection based on the currently applied at least one connection setting.